3/4/88 54205-1

# Minnesota Labor Market Review

***January 1988 Supplement***

## Nation

**Unemployment Rate Drops To Lowest Level Since July 1979; Payroll Employment Continues Its Strong Gains**

The national unemployment rate fell from 5.9 percent in November to 5.8 percent in December after seasonal adjustment and was down from 6.7 percent in December 1986. At the same time, seasonally adjusted nonfarm payroll employment rose by a healthy 326,000 in December after an increase of 263,000 in November. Payroll employment grew faster in the second half of the year, with gains averaging almost 300,000 a month after average increases of 200,000 per month in the first half of the year. The most striking growth in the second half was in durable goods, particularly in metals and machinery, where virtually all of the growth occurred in the second half.

**Other Indicators Show Mixed Developments In December And The Fourth Quarter**

Although the fourth quarter rise of 4.2 percent in real gross national product almost matched the third quarter gain of 4.3 percent, inventories increased in the fourth quarter as consumer spending weakened. In December, consumer spending and retail sales were strong while industrial production rose modestly and housing starts fell sharply.

## State

**Erratic Movements Continue In State's Unemployment Rate; Payroll Employment Grows At Faster Than Average Rate In December**

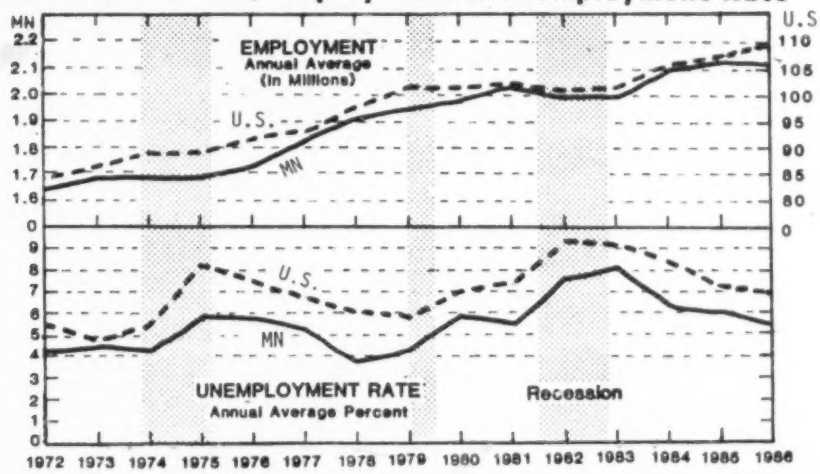
Minnesota's seasonally adjusted unemployment rate fell sharply to 5.4 percent in December from 6.1 percent in November. The rate has been quite volatile in recent months.

Seasonally adjusted nonfarm payroll employment, believed to be a more reliable indicator by many economists, rose by 6,198 in December, slightly more than the average monthly increase of the past year. The largest over-the-month employment gain was 2,859 in manufacturing. Four-fifths of the December increase in manufacturing was in durable goods, particularly in lumber and wood, machinery, and fabricated metals. Durable goods employment had fallen by 2,038 from December 1986 to June 1987 and then had jumped by 8,390 between June and December 1987. Other sizeable over-the-month gains took place in retail trade (1,174), finance, insurance and real estate (840), and the services industry (711). Since December 1986 payroll employment has risen by 70,212. The largest over-the-year increases were in the services industry (23,737), trade (14,925), manufacturing (9,356) and government (8,587).

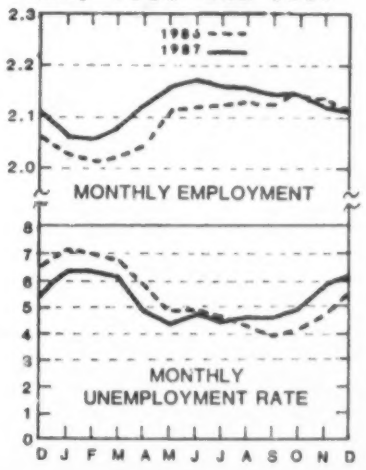
| Labor Force Estimates | MINNESOTA (Numbers in Thousands) | | | UNITED STATES (Numbers in Millions) | | |
|---|---|---|---|---|---|---|
| | Dec. 1987 | Change From Last Mo. | Change From Year Ago | Dec. 1987 | Change From Last Mo. | Change From Year Ago |
| Civilian Labor Force | 2,250.0 | -5.0 | 13.5 | 120.2 | -0.4 | 2.2 |
| Employed | 2,112.4 | -9.8 | -0.9 | 113.7 | -0.1 | 3.1 |
| Unemployed | 137.7 | 5.0 | 14.4 | 6.5 | -0.3 | -0.9 |
| Unemployment Rate | | | | | | |
| Actual | 6.1 | 0.2 | 0.6 | 5.4 | 0.2 | -0.9 |
| Seasonally Adjusted | 5.4 | -0.7 | 0.5 | 5.8 | -0.1 | -0.9 |

* Components may not add to Civilian Labor Force due to rounding.

### MN and the U.S., Employment & Unemployment Rate




### MN, 1986 and 1987



# Minnesota Nonagricultural Wage & Salary Employment, Hours & Earnings

| INDUSTRY | EMPLOYMENT1/ (thousands) | | | PERCENT CHANGE FROM | | PRODUCTION WORKERS' HOURS & EARNINGS2/ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Average Weekly Earnings | | Av. Hourly Earnings | | Average Weekly Hrs. | |
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Dec. 1986 | Dec. 1987 | Dec. 1986 | Dec. 1987 | Dec. 1986 |
| **Total Nonagricultural** | **1989.8** | **1996.2** | **1919.6** | **-0.3** | **3.7** | - | - | - | - | - | - |
| **Manufacturing** | 376.6 | 376.1 | 367.4 | 0.1 | 2.5 | 430.76 | 424.35 | 10.43 | 10.25 | 41.3 | 41.4 |
| Durable Goods | 224.2 | 223.3 | 217.8 | 0.4 | 2.9 | 456.46 | 445.42 | 10.69 | 10.58 | 42.7 | 42.1 |
| Lumber and Furniture | 21.1 | 20.9 | 18.9 | 0.9 | 11.5 | 443.82 | 421.44 | 11.38 | 10.89 | 39.0 | 38.7 |
| Stone, Clay and Glass | 8.0 | 8.7 | 7.4 | -8.1 | 7.5 | 417.50 | 397.78 | 10.49 | 10.78 | 39.8 | 36.9 |
| Primary Metals | 6.6 | 6.4 | 6.3 | 2.3 | 4.7 | 428.27 | 404.03 | 9.21 | 9.44 | 46.5 | 42.8 |
| Fabricated Metals | 34.9 | 34.7 | 33.8 | 0.7 | 3.2 | 534.26 | 507.72 | 12.06 | 11.78 | 44.3 | 43.1 |
| Nonelectrical Machinery | 77.3 | 77.0 | 79.0 | 0.3 | -2.2 | 486.08 | 474.90 | 11.20 | 11.07 | 43.4 | 42.9 |
| Office and Computing | 36.2 | 36.4 | 39.3 | -0.6 | -8.0 | 542.55 | 527.31 | 12.03 | 11.93 | 45.1 | 44.2 |
| Electrical Machinery | 29.1 | 28.4 | 26.2 | 2.2 | 10.8 | 367.65 | 365.51 | 8.59 | 8.56 | 42.8 | 42.7 |
| Transportation Equipment | 9.9 | 9.8 | 8.8 | 1.7 | 12.3 | 551.17 | 515.53 | 12.47 | 11.77 | 44.2 | 43.8 |
| Scientific Instruments | 30.5 | 30.4 | 30.5 | 0.4 | 0.0 | 430.26 | 427.13 | 10.10 | 10.05 | 42.6 | 42.5 |
| Misc. Manufacturing | 6.8 | 7.0 | 6.8 | -2.4 | 0.5 | 391.76 | 398.65 | 9.44 | 9.38 | 41.5 | 42.5 |
| Nondurable Goods | 152.4 | 152.8 | 149.6 | -0.2 | 1.9 | 399.17 | 397.71 | 10.08 | 9.82 | 39.6 | 40.5 |
| Food and Kindred | 44.8 | 45.2 | 44.2 | -0.9 | 1.5 | 363.89 | 369.46 | 9.12 | 8.86 | 39.9 | 41.7 |
| Textiles and Apparel | 4.7 | 4.8 | 4.7 | -1.6 | 0.2 | 261.85 | 251.37 | 7.02 | 6.65 | 37.3 | 37.8 |
| Paper and Allied | 33.0 | 32.9 | 32.9 | 0.3 | 0.2 | 510.69 | 479.81 | 11.96 | 11.37 | 42.7 | 42.2 |
| Printing and Publishing | 44.7 | 44.6 | 43.2 | 0.1 | 3.4 | 385.76 | 392.70 | 10.37 | 10.20 | 37.2 | 38.5 |
| Chemicals and Petroleum | 10.8 | 11.0 | 10.4 | -1.4 | 3.7 | 467.98 | 458.22 | 11.47 | 11.63 | 40.8 | 39.4 |
| Rubber, Plastic & Leather | 14.5 | 14.4 | 14.3 | 1.1 | 1.8 | 347.69 | 345.53 | 8.78 | 8.66 | 39.6 | 39.9 |
| **Nonmanufacturing** | 1613.2 | 1620.1 | 1552.2 | -0.4 | 3.9 | - | - | - | - | - | - |
| Mining | 6.2 | 6.9 | 4.8 | -9.6 | 30.6 | 581.34 | 504.80 | 12.89 | 12.62 | 45.1 | 40.0 |
| Metal Mining | 4.7 | 4.8 | 3.3 | -2.9 | 44.8 | 636.56 | 539.77 | 13.66 | 14.13 | 46.6 | 38.2 |
| Construction | 78.8 | 87.6 | 74.2 | -10.1 | 6.1 | 613.40 | 614.80 | 15.85 | 15.37 | 38.7 | 40.0 |
| Transp., Comm., Pub. Util. | 100.7 | 101.3 | 98.2 | -0.5 | 2.6 | - | - | - | - | - | - |
| Transportation | 65.7 | 66.0 | 64.7 | -0.4 | 1.6 | - | - | - | - | - | - |
| Trucking & Warehousing | 26.9 | 27.1 | 27.0 | -0.5 | -0.4 | 420.00 | 408.48 | 12.00 | 12.23 | 35.0 | 33.4 |
| Comm. & Public Util. | 35.0 | 35.3 | 33.6 | -0.8 | 4.3 | 584.54 | 561.74 | 14.65 | 14.33 | 39.9 | 39.2 |
| Trade | 498.3 | 493.8 | 483.1 | 0.9 | 3.1 | 238.28 | 230.10 | 7.89 | 7.67 | 30.2 | 30.0 |
| Wholesale | 121.2 | 121.3 | 117.5 | -0.1 | 3.1 | 418.26 | 408.49 | 10.67 | 10.61 | 39.2 | 38.5 |
| Retail | 377.1 | 372.5 | 365.6 | 1.2 | 3.2 | 188.36 | 180.88 | 6.80 | 6.53 | 27.7 | 27.7 |
| Building Materials | 18.2 | 18.3 | 17.5 | -0.8 | 4.3 | 357.62 | 322.15 | 8.83 | 8.66 | 40.5 | 37.2 |
| General Merchandise | 57.1 | 55.2 | 55.6 | 3.4 | 2.7 | 159.27 | 185.08 | 6.01 | 6.36 | 26.5 | 29.1 |
| Food Stores | 51.4 | 50.3 | 49.5 | 2.4 | 3.9 | 224.32 | 198.09 | 8.04 | 7.10 | 27.9 | 27.9 |
| Automotive | 40.7 | 40.5 | 39.3 | 0.4 | 3.5 | 302.24 | 319.92 | 8.49 | 8.60 | 35.6 | 37.2 |
| Apparel | 20.3 | 19.7 | 20.0 | 3.3 | 1.6 | 126.97 | 119.04 | 5.38 | 4.96 | 23.6 | 24.0 |
| Home Furnishings | 16.8 | 16.5 | 16.0 | 1.8 | 4.4 | 273.36 | 200.33 | 8.16 | 6.98 | 33.5 | 28.7 |
| Eating and Drinking | 121.0 | 121.6 | 118.0 | -0.5 | 2.5 | 119.76 | 103.23 | 5.14 | 4.65 | 23.3 | 22.2 |
| Fin., Insur., Real Estate | 123.0 | 122.1 | 118.4 | 0.7 | 3.9 | - | - | - | - | - | - |
| Finance | 58.1 | 57.6 | 55.9 | 0.9 | 3.9 | - | - | - | - | - | - |
| Insurance | 44.6 | 44.4 | 43.1 | 0.3 | 3.4 | - | - | - | - | - | - |
| Real Estate | 20.3 | 20.1 | 19.4 | 1.0 | 5.0 | - | - | - | - | - | - |
| Services | 479.0 | 478.0 | 455.2 | 0.2 | 5.2 | - | - | - | - | - | - |
| Personal Services | 26.6 | 26.4 | 24.2 | 0.5 | 9.8 | | | | | | |
| Business Services | 90.1 | 90.5 | 84.3 | -0.4 | 6.9 | | | | | | |
| Repair Services | 20.8 | 20.5 | 19.3 | 1.5 | 7.5 | | | | | | |
| Health Services | 150.2 | 149.9 | 143.8 | 0.2 | 4.5 | | | | | | |
| Hospitals | 51.3 | 51.2 | 50.1 | 0.2 | 2.3 | | | | | | |
| Nursing Homes | 41.4 | 41.4 | 40.3 | 0.0 | 2.6 | | | | | | |
| Legal Services | 14.7 | 14.6 | 13.7 | 0.4 | 7.0 | | | | | | |
| Private Education | 97.8 | 97.3 | 93.9 | 0.5 | 4.2 | | | | | | |
| Government | 327.1 | 330.4 | 318.3 | -1.0 | 2.8 | | | | | | |
| Federal | 33.1 | 32.9 | 32.8 | 0.7 | 1.0 | | | | | | |
| State | 80.7 | 81.8 | 78.7 | -1.4 | 2.6 | | | | | | |
| Education | 45.0 | 46.1 | 43.8 | -2.4 | 2.9 | | | | | | |
| Local | 213.3 | 215.7 | 206.9 | -1.1 | 3.1 | | | | | | |
| Education | 117.4 | 119.4 | 112.7 | -1.7 | 4.2 | | | | | | |

1/ Totals may not add because of rounding.

2/ Average earnings data are on a "gross" basis and are derived from reports of payroll for full-time and part-time production or non-supervisory workers. The payroll is reported before deductions of any kind. Bonuses, retroactive pay, tips, payment in kind, and "fringe benefits" are excluded.

# Minneapolis–St. Paul MSA

By Kevin Alaspa

**The Unemployment Rate Drops Slightly In The Metro Area, And Other Economic Indicators Are Positive**

A slight improvement in the Twin Cities metropolitan area's employment picture took place in December. While both labor force and employment totals declined, the labor force decreased more than employment, resulting in a small drop in both the number and percentage of unemployment. While this was an expected seasonal development, other data series confirmed that employment conditions remained strong in December. The average number of initial claims for unemployment insurance declined 5.6 percent from December 1986, indicating that the total number of workers directly affected by seasonal layoffs was down. Data on exports have been favorable, and numerous firms in the Twin Cities have reported increased foreign sales and, as a result, increased demand for production workers. Interest rates have continued to decline, which has helped the housing and financial sectors. To date, employment in the metropolitan area has not suffered as a result of October's stock market reverses.

**The Retail Sales Sector Is Chiefly Responsible For Employment Gains**

Total wage and salary employment edged upward by 0.1 percent in December, and this figure was 2.5 percent above the level of December 1986. This can be considered a reflection of the inherent strength of the Twin Cities economy over the past 12 months. In December of this year, employment gains occurred chiefly in the retail trade sector as a result of holiday hiring. Total manufacturing employment was virtually unchanged in December, as small gains in durable goods industries such as computer manufacturing were offset by modest declines in the nondurable sector, primarily food processing companies. Employment in the services sector experienced a small gain, and government employment declined, mostly due to seasonal reductions in state and local education. Construction employment was down by 3,300, which was typical for December.

Wage and salary employment gains that took place in December were in line with what occurred statewide. Prospects for upcoming months indicate that employment levels in most industries should remain fairly constant for the remainder of the winter.

LABOR FORCE ESTIMATES

| AREA | EMPLOYMENT | | | UNEMPLOYMENT | | | UNEMP. RATE | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 |
| **Mpls.-St.Paul MSA*** | **1,276,171** | **1,279,200** | **1,273,134** | **64,057** | **66,307** | **54,360** | **4.8** | **4.9** | **4.1** |
| REGION 11 | **1,199,023** | **1,201,624** | **1,196,700** | **56,891** | **60,863** | **47,749** | **4.5** | **4.8** | **3.8** |
| Anoka | 118,865 | 119,123 | 116,634 | 6,464 | 6,633 | 5,385 | 5.2 | 5.3 | 4.3 |
| Carver | 21,656 | 21,703 | 21,614 | 1,093 | 879 | 962 | 4.8 | 3.9 | 4.3 |
| Dakota | 123,894 | 124,163 | 123,654 | 6,502 | 6,344 | 5,441 | 5.0 | 4.9 | 4.2 |
| Hennepin | 579,941 | 581,199 | 578,818 | 24,818 | 27,876 | 21,380 | 4.1 | 4.6 | 3.6 |
| Ramsey | 262,929 | 263,499 | 262,419 | 12,436 | 13,738 | 10,291 | 4.5 | 5.0 | 3.8 |
| Scott | 25,571 | 25,627 | 25,522 | 2,052 | 1,790 | 1,667 | 7.4 | 6.5 | 6.1 |
| Washington | 66,167 | 66,310 | 66,039 | 3,526 | 3,603 | 2,623 | 5.1 | 5.2 | 3.8 |
| Chisago | 13,158 | 13,186 | 13,132 | 1,418 | 976 | 1,161 | 9.7 | 6.9 | 8.1 |
| Isanti | 11,281 | 11,305 | 11,259 | 996 | 749 | 841 | 8.1 | 6.2 | 7.0 |
| Wright | 29,790 | 29,856 | 29,734 | 2,875 | 1,982 | 2,413 | 8.8 | 6.2 | 7.5 |
| St. Croix, WI | 22,919 | 23,229 | 22,309 | 1,877 | 1,737 | 2,196 | 7.6 | 7.0 | 9.0 |
| **Bloomington** | **54,637** | **54,755** | **54,531** | **2,232** | **2,547** | **1,709** | **3.9** | **4.4** | **3.0** |
| **Minneapolis** | **206,861** | **207,310** | **206,460** | **9,532** | **10,978** | **8,483** | **4.4** | **5.0** | **3.9** |
| **St. Paul** | **142,746** | **143,055** | **142,469** | **7,867** | **8,817** | **6,508** | **5.2** | **5.8** | **4.4** |

* Chisago, Isanti and Wright counties are a part of the Minneapolis-St.Paul MSA, and are also included in Region 7.

Note: Add employment and unemployment to calculate civilian labor force.

# Mpls.–St. Paul Nonagricultural Wage & Salary Employment, Hours & Earnings

| INDUSTRY | EMPLOYMENT1/ (thousands) | | | PERCENT CHANGE FROM | | PRODUCTION WORKERS' HOURS & EARNINGS2/ | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Average Weekly Earnings | | Av. Hourly Earnings | | Average Weekly Hrs. | |
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Dec. 1986 | Dec. 1987 | Dec. 1986 | Dec. 1987 | Dec. 1986 |
| **Total Nonagricultural** | **1,281.3** | **1,280.1** | **1,250.5** | **0.1** | **2.5** | - | - | - | - | - | - |
| **Manufacturing** | **252.2** | **252.2** | **250.6** | **0.0** | **0.7** | **461.20** | **454.84** | **11.06** | **10.96** | **41.7** | **41.5** |
| Durable Goods | 158.1 | 157.7 | 157.3 | 0.3 | 0.5 | 478.40 | 463.86 | 11.23 | 10.94 | 42.6 | 42.4 |
| Lumber and Furniture | 8.6 | 8.9 | 8.2 | -3.7 | 4.9 | 464.66 | 442.37 | 11.53 | 11.49 | 40.3 | 38.5 |
| Stone, Clay and Glass | 3.4 | 3.4 | 3.1 | -0.9 | 10.9 | 433.57 | 450.89 | 11.35 | 12.63 | 38.2 | 35.7 |
| Primary Metals | 5.1 | 5.1 | 5.0 | 0.9 | 1.7 | 436.80 | 409.47 | 9.10 | 9.37 | 48.0 | 43.7 |
| Fabricated Metals | 27.2 | 27.0 | 26.4 | 0.4 | 2.8 | 558.80 | 542.68 | 12.70 | 12.39 | 44.0 | 43.8 |
| Nonelectrical Machinery | 61.3 | 60.8 | 62.6 | 0.8 | -2.1 | 505.44 | 473.43 | 11.70 | 11.01 | 43.2 | 43.0 |
| Office and Computing | 29.3 | 29.1 | 31.8 | 0.7 | -8.0 | 508.93 | 467.21 | 12.06 | 10.79 | 42.2 | 43.3 |
| Electrical Machinery | 16.2 | 16.2 | 15.3 | 0.1 | 6.3 | 354.90 | 375.95 | 8.72 | 8.93 | 40.7 | 42.1 |
| Transportation Equipment | 5.1 | 5.0 | 5.0 | 1.7 | 1.9 | 726.88 | 587.95 | 15.40 | 13.61 | 47.2 | 43.2 |
| Scientific Instruments | 26.6 | 26.4 | 27.2 | 0.7 | -2.3 | 420.43 | 430.56 | 10.33 | 10.35 | 40.7 | 41.6 |
| Misc. Manufacturing | 4.7 | 4.8 | 4.6 | -3.5 | 2.4 | 446.25 | 412.96 | 10.50 | 9.28 | 42.5 | 44.5 |
| Nondurable Goods | 94.1 | 94.5 | 93.2 | -0.4 | 1.0 | 436.72 | 441.50 | 10.81 | 11.01 | 40.4 | 40.1 |
| Food and Kindred | 17.8 | 18.2 | 17.9 | -1.9 | -0.4 | 485.76 | 476.11 | 10.99 | 10.87 | 44.2 | 43.8 |
| Textiles and Apparel | 1.8 | 1.9 | 1.9 | -3.9 | -6.2 | 234.39 | 221.38 | 6.64 | 6.77 | 35.3 | 32.7 |
| Paper and Allied | 25.4 | 25.3 | 25.3 | 0.4 | 0.4 | 482.14 | 443.48 | 11.59 | 10.95 | 41.6 | 40.5 |
| Printing and Publishing | 30.5 | 30.4 | 30.0 | 0.1 | 1.5 | 388.50 | 421.86 | 10.36 | 11.19 | 37.5 | 37.7 |
| Chemicals and Petroleum | 8.8 | 8.9 | 8.5 | -2.1 | 3.3 | 472.22 | 517.06 | 12.66 | 13.09 | 37.3 | 39.5 |
| Rubber, Plastic & Leather | 9.9 | 9.8 | 9.6 | 0.9 | 2.8 | 416.56 | 423.90 | 9.71 | 10.19 | 42.9 | 41.6 |
| **Nonmanufacturing** | **1,029.1** | **1,027.9** | **1,000.0** | **0.1** | **2.9** | - | - | - | - | - | - |
| Mining | 0.8 | 0.9 | 0.7 | -13.2 | 3.2 | 208.78 | 208.78 | 8.03 | 8.03 | 26.0 | 26.0 |
| Construction | 51.3 | 54.6 | 51.0 | -6.2 | 0.5 | 627.67 | 654.72 | 17.01 | 17.05 | 36.9 | 38.4 |
| Transp., Comm., Pub. Util. | 68.9 | 68.6 | 66.8 | 0.4 | 3.1 | - | - | - | - | - | - |
| Transportation | 46.4 | 46.1 | 45.7 | 0.5 | 1.6 | - | - | - | - | - | - |
| Trucking & Warehousing | 15.7 | 15.7 | 16.1 | 0.0 | -2.2 | 383.50 | 399.01 | 13.00 | 12.83 | 29.5 | 31.1 |
| Comm. & Public Util. | 22.5 | 22.5 | 21.1 | 0.1 | 6.5 | 556.33 | 553.11 | 14.45 | 14.11 | 38.5 | 39.2 |
| Trade | 321.1 | 315.6 | 312.8 | 1.8 | 2.6 | 267.75 | 252.35 | 8.50 | 8.22 | 31.5 | 30.7 |
| Wholesale | 81.6 | 81.5 | 80.9 | 0.1 | 0.8 | 450.40 | 437.58 | 11.26 | 11.22 | 40.0 | 39.0 |
| Retail | 239.6 | 234.1 | 231.9 | 2.3 | 3.3 | 211.84 | 197.40 | 7.33 | 7.00 | 28.9 | 28.2 |
| Building Materials | 11.0 | 11.1 | 10.5 | -0.7 | 4.9 | 432.83 | 346.08 | 9.95 | 9.43 | 43.5 | 36.7 |
| General Merchandise | 38.5 | 37.2 | 38.1 | 3.5 | 1.1 | 172.62 | 223.43 | 6.30 | 6.75 | 27.4 | 33.1 |
| Food Stores | 28.9 | 28.3 | 28.1 | 2.3 | 2.8 | 244.99 | 241.53 | 8.39 | 8.30 | 29.2 | 29.1 |
| Automotive | 24.5 | 24.4 | 23.4 | 0.7 | 4.8 | 404.15 | 363.28 | 10.18 | 9.56 | 39.7 | 38.0 |
| Apparel | 13.9 | 13.5 | 13.2 | 2.8 | 5.3 | 122.75 | 110.33 | 5.48 | 5.18 | 22.4 | 21.3 |
| Home Furnishings | 13.6 | 11.5 | 11.3 | 18.2 | 19.8 | 271.84 | 161.57 | 8.39 | 6.12 | 32.4 | 26.4 |
| Eating and Drinking | 76.7 | 76.7 | 76.5 | 0.1 | 0.4 | 141.75 | 108.34 | 5.67 | 4.88 | 25.0 | 22.2 |
| Fin., Insur., Real Estate | 95.4 | 94.8 | 91.4 | 0.6 | 4.4 | - | - | - | - | - | - |
| Finance | 40.6 | 40.3 | 39.4 | 0.8 | 3.3 | - | - | - | - | - | - |
| Insurance | 37.6 | 37.5 | 36.2 | 0.3 | 3.9 | - | - | - | - | - | - |
| Real Estate | 17.1 | 17.0 | 15.8 | 0.8 | 8.2 | - | - | - | - | - | - |
| Services | 319.3 | 319.0 | 307.8 | 0.1 | 3.7 | | | | | | |
| Personal Services | 18.5 | 18.4 | 16.7 | 0.4 | 11.3 | | | | | | |
| Business Services | 78.4 | 78.4 | 75.2 | -0.1 | 4.3 | | | | | | |
| Repair Services | 15.2 | 14.8 | 14.5 | 2.4 | 5.0 | | | | | | |
| Health Services | 83.5 | 83.3 | 80.9 | 0.3 | 3.3 | | | | | | |
| Hospitals | 29.6 | 29.7 | 30.0 | -0.5 | -1.4 | | | | | | |
| Nursing Homes | 22.7 | 22.6 | 21.8 | 0.4 | 4.4 | | | | | | |
| Legal Services | 11.4 | 11.4 | 10.7 | 0.2 | 7.0 | | | | | | |
| Private Education | 16.5 | 16.5 | 16.5 | 0.5 | 0.5 | | | | | | |
| Government | 172.4 | 174.4 | 169.4 | -1.1 | 1.8 | | | | | | |
| Federal | 20.5 | 20.3 | 19.7 | 1.1 | 3.8 | | | | | | |
| State | 52.4 | 52.6 | 50.4 | -0.4 | 4.0 | | | | | | |
| Education | 29.0 | 29.7 | 28.0 | -2.1 | 3.6 | | | | | | |
| Local | 99.5 | 101.5 | 99.3 | -2.0 | 0.3 | | | | | | |
| Education | 54.4 | 56.2 | 54.3 | -3.3 | 0.1 | | | | | | |

1/ Totals may not add because of rounding.

2/ Average earnings data are on a "gross" basis and are derived from reports of payroll for full-time and part-time production or non-supervisory workers. The payroll is reported before deductions of any kind. Bonuses, retroactive pay, tips, payment in kind, and "fringe benefits" are excluded.

# Central and Northwest Minnesota

| LABOR FORCE ESTIMATES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| AREA | EMPLOYMENT | | | UNEMPLOYMENT | | | UNEMP. RATE | | |
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 |
| St. Cloud MSA 1/ | 86,563 | 86,718 | 84,857 | 7,419 | 5,800 | 6,539 | 7.9 | 6.3 | 7.2 |
| REGION 1 | 37,722 | 38,122 | 37,033 | 4,763 | 3,767 | 3,992 | 11.2 | 9.0 | 9.7 |
| Kittson | 2,286 | 2,292 | 2,288 | 338 | 249 | 356 | 12.9 | 9.8 | 13.5 |
| Marshall | 4,133 | 4,265 | 4,346 | 933 | 755 | 804 | 18.4 | 15.0 | 15.6 |
| Norman | 3,293 | 3,335 | 3,268 | 378 | 323 | 314 | 10.3 | 8.8 | 8.8 |
| Pennington | 5,933 | 6,056 | 5,625 | 696 | 564 | 546 | 10.5 | 8.5 | 8.8 |
| Polk | 13,434 | 13,689 | 13,572 | 1,407 | 1,251 | 1,251 | 9.5 | 8.4 | 8.4 |
| Red Lake | 1,308 | 1,332 | 1,271 | 352 | 242 | 326 | 21.2 | 15.4 | 20.4 |
| Roseau | 7,335 | 7,153 | 6,663 | 659 | 383 | 395 | 8.2 | 5.1 | 5.6 |
| REGION 2 | 27,050 | 27,378 | 29,080 | 3,254 | 3,024 | 3,083 | 10.7 | 9.9 | 9.6 |
| Beltrami | 14,515 | 14,648 | 16,303 | 1,284 | 1,296 | 1,272 | 8.1 | 8.1 | 7.2 |
| Clearwater | 2,898 | 2,947 | 3,001 | 749 | 602 | 702 | 20.5 | 17.0 | 19.0 |
| Hubbard | 5,884 | 6,036 | 6,089 | 785 | 729 | 699 | 11.8 | 10.8 | 10.3 |
| Lake of Woods | 1,615 | 1,617 | 1,586 | 152 | 162 | 145 | 8.6 | 9.1 | 8.4 |
| Mahnomen | 2,138 | 2,130 | 2,101 | 284 | 235 | 265 | 11.7 | 9.9 | 11.2 |
| REGION 4 | 88,418 | 89,407 | 88,576 | 7,659 | 6,528 | 6,498 | 8.0 | 6.8 | 6.8 |
| Becker | 12,279 | 12,250 | 12,184 | 1,467 | 1,282 | 1,102 | 10.7 | 9.5 | 8.3 |
| Clay | 24,539 | 24,893 | 24,324 | 1,504 | 1,201 | 1,306 | 5.8 | 4.6 | 5.1 |
| Douglas | 13,353 | 13,440 | 13,328 | 1,087 | 959 | 915 | 7.5 | 6.7 | 6.4 |
| Grant | 2,602 | 2,616 | 2,682 | 253 | 235 | 217 | 8.9 | 8.2 | 7.5 |
| Otter Tail | 21,948 | 22,135 | 21,807 | 2,253 | 1,851 | 1,894 | 9.3 | 7.7 | 8.0 |
| Pope | 4,136 | 4,181 | 4,222 | 411 | 376 | 389 | 9.0 | 8.3 | 8.4 |
| Stevens | 4,708 | 4,791 | 4,770 | 305 | 313 | 303 | 6.1 | 6.1 | 6.0 |
| Traverse | 1,917 | 1,975 | 2,007 | 159 | 125 | 180 | 7.7 | 6.0 | 8.2 |
| Wilkin | 2,936 | 3,126 | 3,252 | 220 | 186 | 192 | 7.0 | 5.6 | 5.6 |
| REGION 5 | 49,825 | 51,162 | 51,031 | 6,215 | 5,445 | 5,544 | 11.1 | 9.6 | 9.8 |
| Cass | 6,904 | 7,061 | 7,173 | 1,173 | 1,096 | 1,073 | 14.5 | 13.4 | 13.0 |
| Crow Wing | 18,213 | 18,371 | 18,382 | 1,872 | 1,858 | 1,690 | 9.3 | 9.2 | 8.4 |
| Morrison | 11,416 | 11,819 | 11,772 | 1,540 | 1,272 | 1,345 | 11.9 | 9.7 | 10.3 |
| Todd | 9,296 | 9,480 | 9,398 | 1,195 | 804 | 945 | 11.4 | 7.8 | 9.1 |
| Wadena | 3,996 | 4,431 | 4,306 | 435 | 415 | 491 | 9.8 | 8.6 | 10.2 |
| REGION 6E | 48,694 | 48,859 | 48,316 | 3,898 | 3,339 | 3,871 | 7.4 | 6.4 | 7.4 |
| Kandiyohi | 17,269 | 17,343 | 17,458 | 1,377 | 1,159 | 1,251 | 7.4 | 6.3 | 6.7 |
| McLeod | 15,372 | 15,345 | 14,628 | 806 | 775 | 925 | 5.0 | 4.8 | 5.9 |
| Meeker | 7,462 | 7,602 | 7,998 | 859 | 636 | 919 | 10.3 | 7.7 | 10.3 |
| Renville | 8,591 | 8,569 | 8,232 | 856 | 769 | 776 | 9.1 | 8.2 | 8.6 |
| REGION 7E | 46,220 | 46,501 | 45,325 | 5,355 | 4,111 | 4,438 | 10.4 | 8.1 | 8.9 |
| Chisago | 13,158 | 13,186 | 13,132 | 1,418 | 976 | 1,161 | 9.7 | 6.9 | 8.1 |
| Isanti | 11,281 | 11,305 | 11,259 | 996 | 749 | 841 | 8.1 | 6.2 | 7.0 |
| Kanabec | 5,149 | 5,206 | 5,037 | 749 | 608 | 583 | 12.7 | 10.5 | 10.4 |
| Mille Lacs | 7,872 | 7,915 | 7,586 | 862 | 694 | 795 | 9.9 | 8.1 | 9.5 |
| Pine | 8,760 | 8,889 | 8,311 | 1,330 | 1,084 | 1,058 | 13.2 | 10.9 | 11.3 |
| REGION 7W | 116,353 | 116,574 | 114,591 | 10,294 | 7,782 | 8,952 | 8.1 | 6.3 | 7.2 |
| Benton | 13,559 | 13,583 | 13,292 | 1,332 | 1,034 | 1,169 | 8.9 | 7.1 | 8.1 |
| Sherburne | 16,128 | 16,157 | 15,810 | 1,664 | 1,290 | 1,363 | 9.4 | 7.4 | 7.9 |
| Stearns | 56,876 | 56,978 | 55,755 | 4,423 | 3,476 | 4,007 | 7.2 | 5.7 | 6.7 |
| Wright | 29,790 | 29,856 | 29,734 | 2,875 | 1,982 | 2,413 | 8.8 | 6.2 | 7.5 |

1/ Benton, Stearns, and Sherburne Counties

Civilian labor force can be calculated by adding employment and unemployment.

By Ron Daws

**Unemployment Seems To Have Risen From A Month And Year Ago**

But remember that employment and unemployment are calculated from a standardized national methodology and then adjusted to reflect employment and unemployment as measured by the Current Population Survey (CPS). Because the CPS often has considerable random sampling error, the resultant "official" data series often fails to reflect monthly and yearly changes indicated by other economic information.

However, with preliminary St. Cloud MSA nonfarm payroll employment data available for all of 1987, let's see how the area's industries have performed. The bottom table has been extended to include percentage changes for 1985-86 and 1986-87.

One can see that job growth slowed in 1987 owing mostly to durable and nondurable goods manufacturing. Growing substantially slower during 1987 than during 1986 were retail trade, government, and finance, insurance and real estate. Construction and services grew faster in 1987 than during 1986. Transportation, communications and public utilities has actually lost workers since 1984, although this decline may have bottomed out in 1987.

| *ST. CLOUD MSA NONFARM WAGE & SALARY EMPLOYMENT* | | | | | | | |
|---|---|---|---|---|---|---|---|
| INDUSTRY | EMPLOYMENT | | | PERCENT CHANGE FROM | | | |
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | MONTH AGO | YEAR AGO | '85-86 | '86-87 |
| **Total Nonagricultural Wage & Salary** | **70,353** | **70,174** | **67,190** | **0.3** | **4.7** | **5.6** | **3.9** |
| **Total Manufacturing** | **11,974** | **11,510** | **11,309** | **4.0** | **5.9** | **5.7** | **1.3** |
| Durable Goods | 6,786 | 6,401 | 6,219 | 6.0 | 9.1 | 5.2 | 2.5 |
| Nondurable Goods | 5,188 | 5,109 | 5,090 | 1.5 | 1.9 | 6.5 | 0.0 |
| **Total Nonmanufacturing** | **58,379** | **58,664** | **55,881** | **-0.5** | **4.5** | **5.6** | **4.4** |
| Construction & Mining | 4,140 | 4,600 | 3,473 | -10.0 | 19.2 | 6.7 | 13.2 |
| Transp., Comm., & Pub. Utilities | 3,567 | 3,537 | 3,648 | 0.8 | -2.2 | -4.2 | -1.1 |
| Wholesale Trade | 3,613 | 3,593 | 3,232 | 0.6 | 11.8 | 5.0 | 6.6 |
| Retail Trade | 18,431 | 18,165 | 17,437 | 1.5 | 5.7 | 10.2 | 5.5 |
| Finance, Insur., & Real Estate | 2,512 | 2,490 | 2,411 | 0.9 | 4.2 | 10.4 | -0.5 |
| Services | 13,693 | 13,723 | 13,492 | -0.2 | 1.5 | 4.1 | 6.1 |
| Health Services | 4,889 | 4,870 | 4,586 | 0.4 | 6.6 | 2.8 | 4.6 |
| Government | 12,423 | 12,556 | 12,188 | -1.1 | 1.9 | 3.4 | 1.4 |

St. Cloud's nonfarm payroll job estimates for December indicate that employment kept growing through year's end. On balance, there were 3,163 or 4.7 percent more nonfarm workers this December than last December, certainly an encouraging signal. Employment even rose a little from November, thanks to durable goods manufacturing. As expected, construction lost jobs over the month, but there still were 19.2 percent more workers than during December 1986.

# Northeast Minnesota

By Ron Daws

**Unemployment Rates Appear To Have Risen Over The Year And Month Except For Lake And St. Louis Counties And Duluth**

Furthermore, employment seems to be down, but remember that employment and unemployment are calculated from a standardized national methodology and then adjusted to reflect employment and unemployment as measured by the Current Population Survey (CPS). Because the CPS often has considerable random sampling error, the resultant "official" data series often fails to reflect monthly and yearly changes indicated by other economic information.

Although the Duluth-Superior MSA's nonfarm payroll employment was down by 0.6 percent from November, in reaching 85,097 it set a new high for December. This is 2,337 more jobs or a 2.8 percent increase over a year ago. The next highest December level of 82,992 jobs occurred during 1982.

However, Duluth's portion of the MSA's employment dropped over the month and year. There were 567 or 1.3 percent fewer nonfarm payroll jobs in Duluth than during November, and 178 or 0.4 percent fewer than during a year ago.

The MSA's main employment gainers over the year were nondurable goods manufacturing, construction, services, mining and miscellaneous industries. Significant employment losses in transportation, communications and public utilities kept the MSA's increase from being greater.

In Duluth, the only sizable employment gainer over the year was nondurable goods manufacturing. Wholesale trade, government, finance, insurance and real estate jobs declined noticeably. The drop in employment between November and December was typical for both areas and probably represents no substantial change in economic climate, although it should be noted that December was the only month in 1987 when Duluth's nonfarm payroll employment fell below the year ago level.

**LABOR FORCE ESTIMATES**

| | EMPLOYMENT | | | UNEMPLOYMENT | | | UNEMP. RATE | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 |
| **REGION 3** | **119,846** | **121,157** | **121,918** | **13,912** | **13,647** | **14,178** | **10.4** | **10.1** | **10.4** |
| Aitkin | 4,686 | 4,749 | 4,877 | 757 | 615 | 621 | 13.9 | 11.5 | 11.3 |
| Carlton | 10,820 | 10,860 | 10,761 | 1,277 | 1,198 | 1,045 | 10.6 | 9.9 | 8.9 |
| Cook | 2,172 | 2,124 | 2,140 | 264 | 251 | 194 | 10.8 | 10.6 | 8.3 |
| Itasca | 15,272 | 15,619 | 15,798 | 1,933 | 1,934 | 1,920 | 11.2 | 11.0 | 10.8 |
| Koochiching | 6,599 | 6,707 | 6,760 | 680 | 741 | 602 | 9.3 | 9.9 | 8.2 |
| Lake | 3,143 | 3,241 | 3,304 | 663 | 676 | 911 | 17.4 | 17.3 | 21.6 |
| St. Louis | 77,154 | 77,857 | 78,278 | 8,338 | 8,232 | 8,885 | 9.8 | 9.6 | 10.2 |
| **City of Duluth** | **33,307** | **33,611** | **33,793** | **2,704** | **2,786** | **1,947** | **7.5** | **7.7** | **5.4** |
| **Balance St. Louis** | **43,847** | **44,246** | **44,485** | **5,634** | **5,446** | **6,938** | **11.4** | **11.0** | **13.5** |

Civilian labor force can be calculated by adding employment and unemployment.

***DULUTH AND DULUTH-SUPERIOR MSA NONFARM WAGE & SALARY EMPLOYMENT***

| INDUSTRY | EMPLOYMENT DULUTH | | | PERCENT CHANGE | | EMPLOYMENT DULUTH-SUPERIOR | | | PERCENT CHANGE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | MO. AGO | YR. AGO | Dec. 1987 | Nov. 1987 | Dec. 1986 | MO. AGO | YR. AGO |
| **Total Nonfarm Wage & Salary** | **43,990** | **44,557** | **44,168** | **-1.3** | **-0.4** | **85,097** | **85,584** | **82,760** | **-0.6** | **2.8** |
| **Total Manufacturing** | **4,399** | **4,465** | **4,139** | **-1.5** | **6.3** | **7,356** | **7,394** | **7,243** | **-0.5** | **1.6** |
| Durable Goods | 1,919 | 1,934 | 1,953 | 0.8 | -1.7 | 4,042 | 4,058 | 4,091 | -0.4 | -1.4 |
| Nondurable Goods | 2,480 | 2,531 | 2,186 | -2.0 | 13.4 | 3,314 | 3,336 | 3,152 | -0.7 | 5.1 |
| **Total Nonmanufacturing** | **39,591** | **40,092** | **40,029** | **-1.2** | **-1.1** | **77,741** | **78,190** | **75,517** | **-0.6** | **2.9** |
| Construction | 1,853 | 1,966 | 1,841 | -5.7 | 0.7 | 3,830 | 4,001 | 3,464 | -4.3 | 10.6 |
| Trans., Comm., Pub. Util. | 2,859 | 3,003 | 2,816 | -4.8 | 1.5 | 5,204 | 5,392 | 5,467 | -3.5 | -4.8 |
| Wholesale Trade | 1,601 | 1,637 | 1,669 | -2.2 | -4.1 | 3,469 | 3,469 | 3,516 | 0.0 | -1.3 |
| Retail Trade | 9,501 | 9,439 | 9,404 | 0.7 | 1.0 | 19,070 | 18,943 | 18,896 | 0.7 | 0.9 |
| Finan., Insur., & Real Est. | 1,845 | 1,816 | 1,889 | 1.6 | -2.3 | 3,116 | 3,065 | 3,159 | 1.7 | -1.4 |
| Services, Mining, & Miscel. | 11,921 | 11,948 | 11,740 | -0.2 | 1.5 | 24,452 | 24,558 | 22,436 | -0.4 | 9.0 |
| Government | 10,011 | 10,283 | 10,670 | -2.6 | -6.2 | 18,600 | 18,762 | 18,579 | -0.9 | 0.1 |

# Southern Minnesota

By Ron Daws

| LABOR FORCE ESTIMATES | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| AREA | EMPLOYMENT | | | UNEMPLOYMENT | | | UNEMP. RATE | | |
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 | Dec. 1987 | Nov. 1987 | Dec. 1986 |
| **REGION 6W** | **22,188** | **22,687** | **23,158** | **2,082** | **2,067** | **2,166** | **8.6** | **8.4** | **8.6** |
| Big Stone | 2,618 | 2,730 | 2,933 | 239 | 232 | 236 | 8.4 | 7.8 | 7.4 |
| Chippewa | 6,168 | 6,239 | 6,213 | 633 | 764 | 690 | 9.3 | 10.9 | 10.0 |
| Lac Qui Parle | 3,869 | 3,870 | 3,993 | 234 | 218 | 257 | 5.7 | 5.3 | 6.0 |
| Swift | 4,402 | 4,477 | 4,456 | 466 | 444 | 515 | 9.6 | 9.0 | 10.4 |
| Yellow Medicine | 5,131 | 5,371 | 5,563 | 510 | 409 | 468 | 9.0 | 7.1 | 7.8 |
| **REGION 8** | **54,404** | **55,143** | **55,859** | **4,105** | **3,610** | **3,968** | **7.0** | **6.1** | **6.6** |
| Cottonwood | 5,739 | 5,744 | 5,794 | 429 | 434 | 400 | 7.0 | 7.0 | 6.5 |
| Jackson | 4,735 | 4,697 | 5,506 | 501 | 511 | 517 | 9.6 | 9.8 | 8.6 |
| Lincoln | 3,009 | 3,050 | 3,095 | 240 | 181 | 225 | 7.4 | 5.6 | 6.8 |
| Lyon | 11,032 | 11,307 | 11,313 | 930 | 783 | 843 | 7.8 | 6.5 | 6.9 |
| Murray | 4,162 | 4,226 | 4,060 | 451 | 285 | 413 | 9.8 | 6.3 | 9.2 |
| Nobles | 9,453 | 9,622 | 9,474 | 573 | 552 | 612 | 5.7 | 5.4 | 6.1 |
| Pipestone | 4,863 | 4,958 | 4,931 | 234 | 220 | 230 | 4.6 | 4.2 | 4.5 |
| Redwood | 7,143 | 7,283 | 7,400 | 526 | 453 | 511 | 6.9 | 5.9 | 6.5 |
| Rock | 4,268 | 4,256 | 4,286 | 221 | 191 | 217 | 4.9 | 4.3 | 4.8 |
| **REGION 9** | **101,276** | **101,808** | **101,754** | **7,045** | **6,703** | **6,738** | **6.5** | **6.2** | **6.2** |
| Blue Earth | 26,326 | 26,433 | 25,769 | 1,382 | 1,348 | 1,275 | 5.0 | 4.9 | 4.7 |
| Brown | 12,625 | 12,592 | 12,590 | 911 | 761 | 833 | 6.7 | 5.7 | 6.2 |
| Faribault | 7,736 | 7,775 | 7,994 | 528 | 534 | 582 | 6.4 | 6.4 | 6.8 |
| Le Sueur | 9,811 | 9,817 | 9,860 | 1,138 | 1,024 | 1,063 | 10.4 | 9.4 | 9.7 |
| Martin | 10,964 | 11,230 | 11,533 | 1,038 | 1,094 | 877 | 8.6 | 8.9 | 7.1 |
| Nicollet | 13,884 | 13,941 | 13,591 | 686 | 749 | 642 | 4.7 | 5.1 | 4.5 |
| Sibley | 5,881 | 5,925 | 6,122 | 572 | 448 | 692 | 8.9 | 7.0 | 10.2 |
| Waseca | 8,821 | 8,837 | 8,913 | 523 | 471 | 485 | 5.6 | 5.1 | 5.2 |
| Watonwan | 5,228 | 5,258 | 5,382 | 267 | 274 | 289 | 4.9 | 5.0 | 5.1 |
| **REGION 10** | **201,346** | **201,794** | **199,922** | **12,196** | **11,856** | **12,077** | **5.7** | **5.5** | **5.7** |
| Dodge | 6,819 | 6,899 | 6,523 | 661 | 534 | 634 | 8.8 | 7.2 | 8.9 |
| Fillmore | 9,117 | 9,141 | 9,178 | 729 | 571 | 812 | 7.4 | 5.9 | 8.1 |
| Freeborn | 15,636 | 15,536 | 16,436 | 928 | 1,068 | 919 | 5.6 | 6.4 | 5.3 |
| Goodhue | 18,868 | 18,916 | 18,986 | 1,237 | 1,189 | 1,113 | 6.2 | 5.9 | 5.5 |
| Houston | 7,998 | 8,086 | 8,294 | 550 | 448 | 563 | 6.4 | 5.2 | 6.4 |
| Mower | 16,226 | 16,312 | 17,428 | 981 | 977 | 1,400 | 5.7 | 5.7 | 7.4 |
| Olmsted | 55,706 | 55,809 | 54,022 | 2,506 | 3,018 | 2,264 | 4.3 | 5.1 | 4.0 |
| Rice | 24,875 | 24,884 | 24,213 | 1,633 | 1,444 | 1,515 | 6.2 | 5.5 | 5.9 |
| Steele | 13,976 | 14,035 | 13,360 | 1,013 | 766 | 847 | 6.8 | 5.2 | 6.0 |
| Wabasha | 7,461 | 7,474 | 7,433 | 677 | 557 | 697 | 8.3 | 6.9 | 8.6 |
| Winona | 24,664 | 24,702 | 24,049 | 1,281 | 1,284 | 1,313 | 4.9 | 4.9 | 5.2 |
| **ROCHESTER CITY** | **35,034** | **35,099** | **33,975** | **1,661** | **2,098** | **1,498** | **4.5** | **5.6** | **4.2** |

Civilian labor force can be calculated by adding employment and unemployment.

| *ROCHESTER MSA NONFARM WAGE & SALARY EMPLOYMENT* | | | | | |
|---|---|---|---|---|---|
| INDUSTRY | EMPLOYMENT | | | PERCENT CHANGE FROM | |
| | Dec. 1987 | Nov. 1987 | Dec. 1986 | MONTH AGO | YEAR AGO |
| **Total Nonagricultural Wage & Salary** | **57,979** | **57,910** | **56,407** | **0.1** | **2.8** |
| **Total Manufacturing** | **10,561** | **10,795** | **10,410** | **-2.2** | **1.5** |
| Durable Goods | 8,713 | 8,879 | 8,669 | -1.9 | 0.5 |
| Nondurable Goods | 1,848 | 1,916 | 1,741 | -3.5 | 6.1 |
| **Total Nonmanufacturing** | **47,418** | **47,115** | **45,997** | **0.6** | **3.1** |
| Construction & Mining | 1,823 | 2,362 | 1,578 | -22.8 | 15.5 |
| Transp., Comm., & Public Util. | 1,628 | 1,617 | 1,569 | 0.7 | 3.8 |
| Wholesale Trade | 1,319 | 1,319 | 1,245 | 0.0 | 5.9 |
| Retail Trade | 11,151 | 10,495 | 11,107 | 6.3 | 0.4 |
| Finan., Insur., & Real Estate | 1,511 | 1,535 | 1,653 | -1.6 | -8.6 |
| Total Services | 23,753 | 23,704 | 22,681 | 0.2 | 4.7 |
| Health Services | 16,943 | 16,941 | 15,965 | 0.0 | 6.1 |
| Other Services | 6,810 | 6,763 | 6,716 | 0.7 | 1.4 |
| Government | 6,233 | 6,083 | 6,164 | 2.5 | 1.1 |

**According To Labor Force Data, Employment And Unemployment Changed Little Over The Month And Year**

But remember that employment and unemployment are calculated from a standardized national methodology and then adjusted to reflect employment and unemployment as measured by the Current Population Survey (CPS). Because the CPS often has considerable random sampling error, the resultant "official" data series often fails to reflect monthly and yearly changes indicated by other economic information.

Still, it does seem that the Rochester MSA's nonfarm payroll employment rose to yet another all-time level in December in reaching 57,979. The previous high occurred the month before at 57,910. Last December the level was 56,407 jobs or 2.8 percent lower. Usually, the MSA's employment begins its winter drop in December, so a record December is encouraging.

Over the year, every major industry save finance, insurance and real estate employed more workers. Finance, insurance and real estate has generally grown slowly over the decade, but over the last few months it declined noticeably in the MSA until ending the year with 142 or 8.6 percent fewer workers than a year ago. Construction was the biggest over-the-year employment gainer with 15.5 percent more jobs, while nondurable goods manufacturing and health services jobs both were up 6.1 percent. Wholesale trade gained 5.9 percent more workers and transportation, communication and public utilities added 3.8 percent.

Compared to November, construction trimmed its employment by 22.8 percent, a typical seasonal move. Manufacturing employment also dropped noticeably as did finance, insurance and real estate. The 6.3 percent rise in retail trade accounted for 650 more jobs this December than last December, indicating that October's stock market plunge did not deter Christmas shoppers.

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# Minnesota Labor Market Review

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## Selected Minnesota Program Statistics

**Distribution of Insured Unemployed by Industry and Occupation,** December, 1987

| Industry Attachment | Number | Percent of Total | Percent */ Long-Term Unemployed | Women as Percent of Total |
|---|---|---|---|---|
| TOTAL, ALL INDUSTRIES | 44,558 | 100.0 | 10.7 | 23.9 |
| Ag., For., Fish. | 1,819 | 4.1 | 1.9 | 10.5 |
| Mining | 915 | 2.1 | 4.0 | 4.9 |
| Construction | 15,838 | 35.5 | 2.3 | 3.5 |
| Manufacturing | 8,857 | 19.9 | 13.9 | 33.0 |
| Public Utilities | 1,836 | 4.1 | 11.7 | 15.8 |
| Wholesale Trade | 2,209 | 5.0 | 20.1 | 23.0 |
| Retail Trade | 3,673 | 8.2 | 17.4 | 41.6 |
| Fin., Ins., Re. Est. | 1,621 | 3.6 | 23.5 | 61.6 |
| Services | 6,095 | 13.7 | 21.9 | 50.8 |
| Public Admin. | 1,073 | 2.4 | 9.6 | 37.7 |
| Info. Not Available | 622 | 1.4 | 0.2 | 24.8 |

**Distribution of Insured Unemployed, by Age and Sex,** December, 1987

| Age Groups | Number | Percent Distribution | | |
|---|---|---|---|---|
| | | Men of Totals | Men of Men | Women of Women |
| TOTALS | 44,558 | 76.0 | 100.0 | 100.0 |
| Under 45 | 34,077 | 76.8 | 77.3 | 74.0 |
| Under25 | 6,685 | 78.0 | 15.4 | 13.8 |
| 25-34 | 16,844 | 77.5 | 38.6 | 35.4 |
| 35-44 | 10,548 | 74.9 | 23.3 | 24.8 |
| 45 and over | 10,481 | 73.4 | 22.7 | 26.0 |
| 45-54 | 6,308 | 73.5 | 13.7 | 15.6 |
| 55 and over | 4,173 | 73.2 | 9.0 | 10.4 |

**Experienced Supply/Job Openings Demand **/**

| Occupational Attachment | | | | | Applicants (Supply) Dec. 1987 | Job Openings (Demand) Dec. 1987 | Supply/Demand Ratio | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dec. 1987 | Dec. 1986 |
| TOTAL, ALL OCCUPATIONS | 44,558 | 100.0 | 10.7 | 23.9 | 58,734 | 19,887 | 3.0 | 4.7 |
| Prof., Tech., Mgr. | 5,668 | 12.7 | 29.1 | 39.1 | 10,038 | 1,337 | 7.5 | 8.9 |
| Clerical | 3,703 | 8.3 | 25.0 | 83.4 | 9,617 | 2,504 | 3.8 | 4.1 |
| Sales | 1,448 | 3.2 | 22.7 | 35.1 | 3,550 | 2,059 | 1.7 | 1.9 |
| Services | 2,483 | 5.6 | 13.2 | 60.4 | 6,706 | 4,886 | 1.4 | 2.3 |
| Farm, For., Fish. | 1,634 | 3.7 | 1.3 | 11.8 | 1,388 | 178 | 7.8 | 17.7 |
| Processing | 1,343 | 3.0 | 11.1 | 37.6 | 1,143 | 801 | 1.4 | 1.7 |
| Machine Trades | 1,926 | 4.3 | 12.6 | 13.3 | 3,846 | 602 | 6.4 | 8.6 |
| Benchwork | 3,073 | 6.9 | 10.7 | 49.8 | 4,005 | 5,103 | 0.8 | 8.5 |
| Structural Work | 16,066 | 36.1 | 2.6 | 2.1 | 9,429 | 723 | 13.0 | 15.8 |
| Misc., and INA | 7,214 | 16.2 | 5.8 | 7.8 | 9,012 | 1,694 | 5.3 | 7.2 |

*/ Long-term unemployed refers to unemployment insurance claimants whose current spell of unemployment has lasted 15 weeks or longer.
**/ Inexperienced and improperly coded job applicants are not included in this table.